

METHOD AND SYSTEM FOR BUILDING AND DISPLAYING COMPUTER GENERATED MODELS

Abstract of Disclosure

A method and system for building an as-needed computer generated model, including the step of storing a max-case model file relating to a max-case design model, wherein said max-case design model including a plurality of model sub-components. Viewer-readable files are extracted and stored for each of said plurality of model sub-components. A max-case design script is generated including retrieval information for each of said plurality of model sub-components. In response to user selection of particular as-needed model sub-components, an as-needed design script is generated including retrieval information for each of the as-needed model sub-components. The viewer-readable files for each of the as-needed model sub-components are retrieved by a model viewing application. The model viewing application then builds and displays the as-needed model from the retrieved viewer-readable files.

Figures

Figure 1: A line graph showing the relationship between the concentration of a solution and its refractive index. The x-axis represents concentration in g/dL, ranging from 0 to 10. The y-axis represents refractive index, ranging from 1.00 to 1.10. The data points are plotted at (0, 1.00), (2, 1.02), (4, 1.04), (6, 1.06), (8, 1.08), and (10, 1.10). A straight line is drawn through these points, indicating a linear relationship.